ADMINISTRATIVE COMMITTEE

Monday, April 18, 2016 5:00 p.m.

NOTICE IS HEREBY GIVEN that the Bountiful City Administrative Committee will hold its regular meeting in the Conference Room at City Hall, 790 South 100 East, Bountiful, Utah, at the time and on the date given above. The public is invited. Persons who are disabled as defined by the Americans with Disabilities Act may request an accommodation by contacting the Bountiful City Planning Office at 298-6190. Notification at least 24 hours prior to the meeting would be appreciated.

AGENDA

- 1. Welcome and Introductions.
- 2. Consider approval of minutes for April 11, 2016.
- 3. Consider approval of a Lot Line Adjustment at 2922 Wood Hollow Way and 2956 Cave Hollow Way, Barbara Maudsley and Jay & Eleanor Jensen, applicants.
- 4. **PUBLIC HEARING**: Consider approval of a Conditional Use Permit to allow for Home Occupation Contractor Business at 2179 Claremont Drive, Mas Nakaya, applicant.
- 5. **PUBLIC HEARING:** Consider approval of a Conditional Use Permit to allow for a Title Loan Business for Affordable Title Loans at 21 West 500 South, Stevan Vasic, applicant.
- 6. **PUBLIC HEARING:** Consider approval of a Conditional Use Permit to allow for Solar Panels at 453 North 1250 East, Craig Noakes, applicant.
- 7. Consider approval of a Conditional Use Permit, in written form, to allow for Solar Panels at 1214 East 1725 South, Ralph Pond, applicant.
- 8. Miscellaneous business and scheduling.

Chad Wilkingon, City Planner

<u>Pending minutes have not yet been approved by the Administrative Committee and are</u> subject to change until final approval has been made.

Bountiful City Administrative Committee Minutes April 11, 2016

Present: Chairman - Chad Wilkinson; Committee Member - Lloyd Cheney; Assistant Planner

- Andy Hulka; Recording Secretary - Julie Holmgren

Excused: Committee Member – John Marc Knight

1. Welcome and Introductions.

Chairman Wilkinson opened the meeting at 5:01 p.m. and introduced all present.

2. Consider approval of minutes for March 28, 2016.

Mr. Cheney made a motion to approve the minutes for March 28, 2016. Mr. Wilkinson seconded the motion.

A Mr. Wilkinson Mr. Cheney

Motion passed 2-0.

3. PUBLIC HEARING: Consider approval of a Conditional Use Permit to allow for Solar Panels at 1214 East 1725 South, Ralph Pond, applicant.

Kyle Paget (Shupe Electric), representing the applicant, was present.

Andy Hulka presented a summary of the staff report (the full staff report follows).

The property where the solar panels are to be installed is located in the R-3 Single Family Zone. Solar power panels are classified in the city ordinance as "private power plants" and require a conditional use permit if they are over 10 watts. The applicant has indicated that the photovoltaic system to be installed will produce 9.765 kilowatts (9,765 watts), requiring a conditional use permit.

The application submitted indicates the proposed installation of 1 photovoltaic array with 31 panels. The arrays will occupy approximately 547 square feet, which is smaller than the 50% maximum roof coverage. The south-facing array will include 3 rows of panels, with 12 panels on the first row, 10 panels on the second row, and 9 panels on the third row. The panels will be connected to the roof using lag bolts. The roof is of truss construction, has a slope of 5:12, and has asphalt shingles that are in fair condition. A review of information provided in the application indicates that all engineering requirements for the construction of solar panels in Bountiful City will be met. A reflection analysis of the roof pitch indicates that photovoltaic panels should not produce a reflection nuisance to surrounding properties.

<u>Pending minutes have not yet been approved by the Administrative Committee and are subject to change until final approval has been made.</u>

Based on the findings, staff has determined that the applicant would comply with all requirements for the conditional use permit. Staff recommends approval of the conditional use permit with the following conditions:

- 1. The applicant shall obtain a building permit.
- 2. The panels must be installed only as proposed in the application.
- 3. This conditional use permit is solely for this site and is non-transferable.

PUBLIC HEARING: Chairman Wilkinson opened and closed the Public Hearing at 5:04 p.m. with no comments from the public.

Mr. Cheney made a motion for approval of a Conditional Use Permit to allow for Solar Panels at 1214 East 1725 South, Ralph Pond, applicant. Mr. Wilkinson seconded the motion.

A Mr. Wilkinson Mr. Cheney

Motion passed 2-0.

Mr. Cheney inquired regarding Iridium Structural Engineering's letter regarding this project. Specifically, he asked if Iridium personally inspected the property or conducted the inspection by looking at photos. Mr. Paget responded that the company looked at photos, but if this were an older home or a home without a truss frame structure, Iridium would have done an on-site inspection.

4. Consider approval of a Conditional Use Permit, in written form, to allow for Solar Panels at 1286 East North Ridge Drive, Rodney and Marcia Ford, applicants.

Mr. Cheney made a motion for approval of a Conditional Use Permit, in written form, to allow for Solar Panels at 1286 East North Ridge Drive, Rodney and Marcia Ford, applicants. Mr. Wilkinson seconded the motion.

A Mr. Wilkinson A Mr. Cheney

Motion passed 2-0.

5. Consider approval of a Conditional Use Permit, in written form, to allow for Solar Panels at 523 East 1400 North, Bruce Chapman, applicant.

Mr. Cheney made a motion for approval of a Conditional Use Permit, in written form, to allow for Solar Panels at 523 East 1400 North, Bruce Chapman, applicant. Mr. Wilkinson seconded the motion.

<u>Pending minutes have not yet been approved by the Administrative Committee and are</u> subject to change until final approval has been made.

A Mr. Wilkinson Mr. Cheney

Motion passed 2-0.

6. Consider approval of a Conditional Use Permit, in written form, to allow for Solar Panels at 916 East 500 South, Brad and Julie Pace, applicants.

Mr. Cheney made a motion for approval of a Conditional Use Permit, in written form, to allow for Solar Panels at 916 East 500 South, Brad and Julie Pace, applicants. Mr. Wilkinson seconded the motion.

A Mr. Wilkinson Mr. Cheney

Motion passed 2-0.

7. Miscellaneous business and scheduling.

Mr. Wilkinson ascertained there were no further items of business. The meeting was adjourned at 5:08 p.m.

Chad Wilkinson, City Planner



MAYOR RANDY LEWIS

CITY COUNCIL
RICHARD HIGGINSON
BETH HOLBROOK
JOHN M. (MARC) KNIGHT
KENDALYN HARRIS
JOHN PITT

CITY MANAGER GARY R. HILL

Memo

Date: April 13, 2016

To: Administrative Committee
From: Andy Hulka, Assistant Planner

Re: Staff Report for the Administrative Committee Meeting on Monday, April 18, 2016

Overview

3. Consider approval of a Lot Line Adjustment at 2945 South Cave Hollow Way and 2922 South Wood Hollow Way, Barbara Maudsley and Jay & Eleanor Jensen, applicants.

Item #3

Background

The applicants are applying for a Lot Line Adjustment between their properties at 2945 S Cave Hollow Way (Lots 116 and 117) and 2922 S Wood Hollow Way (Lot 122) in Bountiful, Utah. Both properties are located in the R-F Single-Family Foothill Zone. The purpose of the property line adjustment is to convey 601 square feet (0.014 acres) (Parcel A) from Lot 122 west to Lots 116 and 117, bringing Lots 116 and 117 to a total of 37,220 square feet (0.854 acres) and bringing Lot 122 to 19,647 square feet (0.451 acres).

Findings

No new lots are being created in this transfer so this does not need to be an amended subdivision plat.

The property at Lot 122 will meet the minimum lot size requirements of the original subdivision. The most restrictive minimum lot size requirement at the time of the subdivision was 8,000 square feet. Other lots in this subdivision are much smaller than Lot 122, with the smallest lot at 12,632 square feet (0.29 acres).

No public easements will be affected on either property.

Staff Recommendation

Based on findings, Staff recommends approval for a lot line adjustment, with the following condition:

1. The approved lot line adjustment is recorded with Davis County.

2945 S Cave Hollow Way & 2922 S Wood Hollow Way





Submittal Dat	e:
4-11-11	0

LOT LINE ADJUSTMENT APPLICATION

Property #1
Address 2922 Woon Houndly Bury VT 84010
Owner(s) JARRARA MAUNSWALL
Phone 80/-522-6020 Email bywardsley 5 e com cas truet
Property #2
Address 2945 SouTH CAVE Hollow WAY
Owner(s) JAY JENSEN & ELEANON JENSEN
Phone 80/-535-4048 Email Jay. JELSEN & WFADVISONS. CO.
1. Items that shall be included with any Lot Line Adjustment Application:
A Bountiful City Lot Line Adjustment Application completed in detail and notarized. The application must be signed and notarized by <u>each</u> property owner(s) or authorized agent(s).
☐ Payment of Filing Fee: \$50 Administrative Committee /\$200 Planning Commission
A survey by a licensed Utah Surveyor - one (1) PDF file* of the proposed site plan; one (1) Word file* with description of parcel to be conveyed; and one (1) 24 x 36 of the proposed site plan drawn at 1:10 scale or as required by the City Planner or City Engineer. A site plan shall include:
 A north arrow, the scale of the drawing, and the date of the drawing. Street names and addresses. All existing easements, rights-of-way, and any other restrictions on the use of the
property. 4. Existing buildings and other significant features within 50' of the boundaries to be adjusted.
 5. Legal description of existing property boundaries and the area to be adjusted. 6. When required by the City Planner or City Engineer, a survey including contours of the land at intervals of two feet (2') or better.

^{*}Please email these documents to Planning Department Administrative Assistant.

2. Processing Procedure:

- a. The application will first be submitted to the Bountiful Planning Staff for review.
- b. If the application is complete, it will be placed on the first available agenda for consideration by the Administrative Committee.

3. Property #1: Owner(s) Authorization and Affidavit

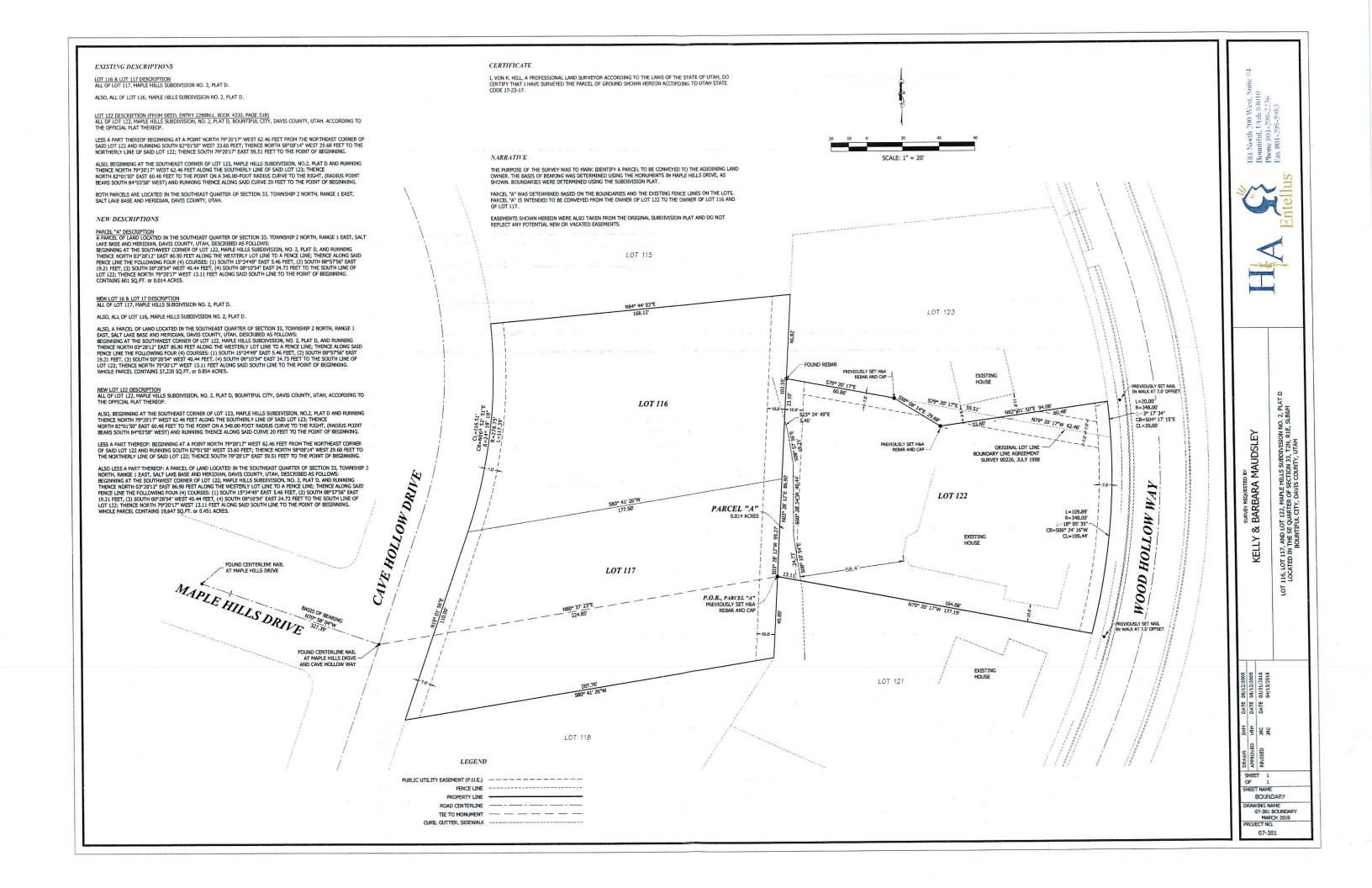
The undersigned, being duly sworn, depose that I am (we are) the owners(s) or authorized agent(s) of the owner(s) of the property involved in this application and that the statements contained herein or by attachment are, to the best of my (our) knowledge, true and correct.

YSARNARA MAWOSLI Print Name	KU_	Signature Maudali	
State of Utah)		
County of Davis) ss		
The foregoing instrument was	(laudia Bolum	<u>2</u> .
My commission expires: 89-2018		Notary Public CLAUDIA B. KUNZ Commission #678165 My Cornmission Expires August 9, 2018 State of Utah	
Print Name		Signature	
State of Utah)		
County of Davis	ss)		
The foregoing instrument was	acknowledged l	pefore me this day of, 20	_•
My commission expires:	7	Notary Public	

4. Property #2: Owner(s) Authorization and Affidavit

The undersigned, being duly sworn, depose that I am (we are) the owners(s) or authorized agent(s) of the owner(s) of the property involved in this application and that the statements contained herein or by attachment are, to the best of my (our) knowledge, true and correct.

TAY JRNSRN Print Name	Signature NOTARY PUBLIC		
State of Utah) ss	ADAM OBLAD 681003 COMMISSION EXPIRES		
County of Davis)	JANUARY 15, 2019 STATE OF UTAH		
The foregoing instrument was acknowledge	d before me this <u>o</u> day of <u>April</u> , 2010.		
Notary Public My commission expires: Jan. 15, 2 d9			
Eleanor Jensen	Eleano Jensen		
Print Name	Signature NOTARY PUBLIC ADAM OBLAD		
State of Utah)	681003 COMMISSION EXPIRES		
County of Davis ss	JANUARY 15, 2019 STATE OF UTAH		
The foregoing instrument was acknowledge	ed before me this day of April, 2010		
	Notary Public		
My commission expires: 740.15 701	9		





MAYOR RANDY LEWIS

CITY COUNCIL
RICHARD HIGGINSON
BETH HOLBROOK
JOHN M. (MARC) KNIGHT
KENDALYN HARRIS
JOHN PITT

CITY MANAGER GARY R. HILL

Memo

Date: April 11, 2016

To: Administrative Committee
From: Andy Hulka, Assistant Planner

Re: Staff Report for the Administrative Committee Meeting on Monday, April 18, 2016

Overview

4. PUBLIC HEARING - Consider approval of a Conditional Use Permit to allow for a Home Occupation Contractor Business at 2179 Claremont Dr, Mas Nakaya, applicant.

Item #4

Background

The property where the Home Occupation Contractor Business is proposed is located in the R-3 Single Family Zone. Home Occupation Contractor Businesses in this zone are classified in the City Ordinance as requiring a Conditional Use Permit.

Findings

The application submitted indicates that the property will be used for a home occupation contractor business. One room inside the house will be used as an office. The proposed office is approximately 300 square feet, which is less than 50% of the primary dwelling. There will be no employees working on site. The applicant has indicated that no work will be performed on site, no product will be sold from the property, no equipment will be stored on site, and no customers will visit the site. There will be no signage on the property associated with the business. The use appears to be incidental and secondary to the use of the dwelling and shall not change the appearance, character, or condition of the property.

Staff Recommendation

Based on the findings, staff has determined that the applicant would comply with all requirements for the conditional use permit. Staff recommends approval of the Conditional Use Permit with the following conditions:

- 1. The applicant shall maintain an active Bountiful City business license.
- 2. The Home Occupation will not create nuisances discernible beyond the premises (e.g. noise, dust, fumes, glare, traffic, etc.).

- 3. The use will comply with all applicable fire, building, plumbing, electrical, and life safety and health codes in the State of Utah, Davis County, and Bountiful City.
- 4. The Conditional Use Permit is solely for this site and is non-transferable.

Bountiful Land Use Ordinance

14-17-105 HOME OCCUPATION REQUIREMENTS

A proposed home occupation use shall meet the following criteria to qualify for a Home Occupation Business License:

- A. The use shall be clearly incidental and secondary to the use of the dwelling and shall not change the appearance, character, or condition thereof. There shall be no displays, advertisements, stock in trade, or signs related to the business except for: one (1) flat wall sign placed on the dwelling that shall not exceed four (4) square feet in size, and any sign required by State Law and/or which meet the provisions of this Title.
- B. The use shall be conducted entirely within a dwelling, except for work performed offsite. Only members of the family related by blood, marriage, or adoption, and who reside in the dwelling, may work onsite. The only exception is that one (1) additional person may be employed as a secretary, apprentice, or assistant where there are no more than five (5) family members actively engaged in the home occupation. Employees who are not family members and/or who do not reside at the dwelling shall not meet, park, or otherwise congregate at the home or in the general vicinity. Additional outside employees are not allowed if there is more than one home occupation at the property.
- C. The use shall not involve more than 50% of the entire dwelling.
- D. The use shall not involve the area of required, covered, off-street parking.
- E. No product or commodity shall be stored onsite, and no customer may physically visit the site of a home occupation to take delivery of a product or commodity. Commodities may be produced on the premises and sold offsite.
- F. The use shall not create noise, dust, odors, noxious fumes, glare, or other nuisances, including interruption of radio and/or television reception, which are discernible beyond the premises.
- G. The use shall not involve using or storing flammable material, explosives, or other dangerous materials, including gun powder.
- H. The use shall not involve mechanical or electrical apparatus, equipment, or tools not commonly associated with a residential use or as are customary to home crafts.
- I. The use shall not generate traffic in greater volumes than would normally be expected in a residential neighborhood nor involve the use of commercial vehicles other than standard delivery vehicles for delivery of materials to or from the premises.
- J. The use shall not involve the parking of equipment or motor vehicles having a gross weight of twelve thousand (12,000) pounds or more directly at the residence.
- K. The use shall be in compliance with all applicable fire, building, plumbing, electrical and life safety and health codes of the State of Utah, Davis County, and the City of Bountiful.
- L. The residence and property may be inspected from time to time to determine continued compliance with the provisions of this Ordinance and other applicable codes.

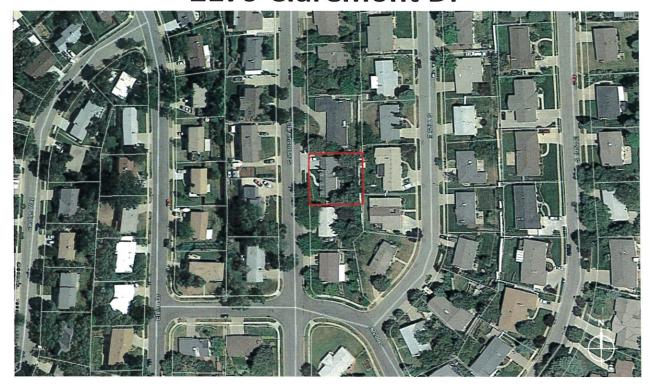
14-17-108 HOME OCCUPATION CONDITIONAL USES

Home occupations in the following areas of work are conditional uses, and licenses may be issued for them only if a conditional use permit is granted following notice and a public hearing:

- Lawn care and/or landscaping,
- B. Construction and/or contracting,
- C. Snow removal,
- D. Residential day care or group instruction facilities with more than eight (8) people,
- E. A home occupation office use may be allowed in a detached accessory structure in accordance with the following:

- 1. The total office area, including a restroom and any storage space, shall not exceed three hundred (300) square feet.
- 2. The office shall not be located in an area of required, covered, off-street parking.
- 3. No part of the office space shall be utilized if the required, covered, off-street parking is being utilized for a purpose other than parking.
- 4. The only retail activity allowed is that transacted electronically or by mail. Any retail activity involving the physical delivery of goods or persons to the property is expressly prohibited.
- 5. A home occupation office in a detached accessory structure shall be deemed unlawful and shall not be occupied unless the owner has recorded a deed restriction on the property stating that the use of the property is for a single family dwelling, and that the office space shall only be used in accordance with the provisions of the Bountiful City Land Use Ordinance as it may be amended from time to time.

2179 Claremont Dr





Date Rec	d 3/31/10	0
Application		TV TENS

CONDITIONAL USE PERMIT APPLICATION

Date of Submittal: 3/31/16
Property Address: 2179 CLARSMONT DR.
Applicant Name: MASARU MAKAYA
Applicant Address: 2179 CLARSMONIT DR.
Applicant Phone #: <u>801</u> 755 4651
Applicant E-Mail: Masnakaya@GMpil.com
Authorization (Owner Signature): (If applicant is not owner, applicant must submit notarized authorization from all property owners) Project Name and Description:
Committee

The Site Plan Review Committee will review complete applications prior to review by the Planning Commission.

Plans need	to inc	lude:
	three	tiful City will prepare labels and mail out the notice to all property owners within hundred feet (300') of the subject property boundaries based on the most recent County Tax Assessment records.
	fee.	e fee for the preparation and mailing of notices has been added to the application Do not get labels from Davis County Recorders office, if you do, you will still arged the entire fee on page 1.
	*Item	s heard by the Administrative Committee do not require mailing labels.
	one (needed for a site plan review , two (2) full sized, and one (1) 11x17 copy and 1) .PDF file, of the proposed site plan drawn at 1:10 scale or as required by the Engineer and City Planner. A site plan shall include:
	>	A north arrow, the scale of the drawing, and the date of the drawing.
	>	Street names and addresses.
	>	Property lines with dimensions.
	>	All sidewalks, driveways, curbs and gutter, and parking areas.
	>	All existing easements, rights-of-way, and any other restrictions on the use of the property.
	A	Existing buildings, proposed buildings, and other significant features on the site.
	>	Existing buildings and significant features located on adjacent properties within 50 feet (50') of the subject property boundaries
	A	When required by the City Planner or City Engineer, and for all new construction, a survey including both existing and proposed contours of the land at intervals of two feet (2') or better.
	Туре	ed responses to the following questions:
	> H	low does your proposed project fit in with surrounding properties and uses?
	> Ir	n what ways does the project not fit in with surrounding properties and uses?
28,87		Vhat will you do to mitigate the potential conflicts with surrounding properties and uses?
50°05	<u>. W</u> Ţ	
UHC3FQ1 PTQC 1	AN	6 ARE MOT CHANGING ANYTHING OR ADDIN

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Property Owners Affidavit	
I (we) MASARU NAKAWA	, being first duly sworn, depose
and say that I (we) am (are) the current owner(s) of	
(we) have read the application and attached plan	s and other exhibits and are familiar with its
contents; and that said contents are in all respects	true and correct based upon my (our) personal
knowledge.	
State of Utah Aggree State of Utah	Owner's Signature (co-owner if any)
§	
County of Davis)	
Subscribed and sworn to before me this 315^{1} day of	f <u>March</u> , 20 <u>16</u> .
Notary Public: Jonya Munden	Notary Public TONYA MUNDEN Commission #672599 My Commission Expires December 11, 2017 State of Utah
Agent Authorization	and and
I (we),	the owner(s) of the real property
located at,	in Bountiful City, Utah, do hereby appoint
) agent to represent me (us) with regard to this
application affecting the above described real proper appear on my (our) behalf before any City board or o	
Owner's Signature	Owner's Signature (co-owner if any)
State of Utah)	
County of Davis	
On the day of	_, 20, personally appeared before me the signer(s) of the above <i>Agent</i>
Authorization who duly acknowledge to me that they	executed the same.
Notary Public	



NO TRAILERS OR EQUIP. STORED OR PARKED HERE.



MAYOR RANDY LEWIS

CITY COUNCIL
RICHARD HIGGINSON
BETH HOLBROOK
JOHN M. (MARC) KNIGHT
KENDALYN HARRIS
JOHN PITT

CITY MANAGER GARY R. HILL

Memo

Date:

April 11, 2016

To:

Administrative Committee

From:

Andy Hulka, Assistant Planner

Re:

Staff Report for the Administrative Committee Meeting on Monday, April 18, 2016

Overview

5. PUBLIC HEARING - Consider approval of a Conditional Use Permit to allow for a Title Loan Business for Affordable Title Loans at 21 West 500 South, Stevan Vasic, applicant.

Item #5

Background

The property where the Title Loan Business is proposed is located in the C-G General Commercial Zone. Title Loan Businesses in this zone are classified in the City Ordinance as requiring a Conditional Use Permit. Section 14-2-111 authorizes the Administrative Committee as the review authority for conditional use permits that do not include the construction of new buildings.

Findings

The application submitted indicates that the property will be used for a title loan business. The applicant is a "paper" loan company, which means they only accept paper documents as collateral (e.g. car title), and operate similarly to a bank. The use appears to fit in with the characteristics of the zone and the surrounding properties.

Section 14-18-105(B) requires parking areas to striped, marked, and maintained according to approved plans. The property's current parking area has fallen into a state of disrepair, with faded striping and numerous cracks and potholes that prevent the space from functioning as a safe parking area. In order for the parking area to provide orderly and safe circulation, new paving and striping must be installed.

The site does not currently meet the 15% minimum landscaping requirement. Because this is an existing nonconforming condition and the proposed plan does not expand or enlarge the degree of nonconformity, additional landscaping will not be required at this time. If there are plans for expansion or new development on this parcel in the future, then the property will need to meet the minimum landscaping requirements.

Staff Recommendation

Based on the findings, staff has determined that the applicant would comply with all requirements for the conditional use permit. Staff recommends approval of the Conditional Use Permit with the following conditions:

- 1. The applicant shall maintain an active Bountiful City business license.
- 2. The applicant shall pave and stripe the parking area as indicated on the submitted site plan prior to occupancy and/or approval of Business License.
- 3. The use will comply with all applicable fire, building, plumbing, electrical, and life safety and health codes in the State of Utah, Davis County, and Bountiful City.
- 4. The Conditional Use Permit is solely for this site and is non-transferable.

21 W 500 S





For Office Use Only	1
Date Rec'd _	2014
Application \$	5000
Zone C	-G

CONDITIONAL USE PERMIT APPLICATION

Date of Submittal	3/28/2016	
Property Address	s: 21 24 W. 500 S.	
Applicant Name:	Eld	
Applicant Addres Applicant Phone	Claudia donoso, afford	able lounse com
Applicant E-Mail:	il offerdebleles as Osmail care	
Authorization (Ov (If applicant is not	wner Signature): t owner, applicant must submit notarized authorization from all property owners)	
Project Name as	nd Description: - Switching Locations - C-G	
Committee	Iministrative Committee \$50.00 (application fee)	
	anning Commission \$250.00 (application fee)	
•	The Site Plan Review Committee will review complete applications prior to	

review by the Planning Commission.

Property Owners Affidavit	
and say that I (we) am (are) the current owner(s) of (we) have read the application and attached pla contents; and that said contents are in all respects knowledge. The understant sign of Topic Creek, we will be a content owner of the current owner own	ns and other exhibits and are familiar with its true and correct based upon my (our) personal
State of Utah) §	
County of Davis)	
Subscribed and sworn to before me this day	of APRIL, 2016.
Notary Public: Mr. Comp.	BRADLEY CROSBY NOTARY PUBLIC • STATE OF UTAH COMMISSION NO. 677859 COMM. EXP. 6-1-2018
Agent Authorization	
I (we),	, the owner(s) of the real property
	, in Bountiful City, Utah, do hereby appoint
application affecting the above described real propagation appear on my (our) behalf before any City board or	
Owner's Signature	Owner's Signature (co-owner if any)
State of Utah)	
County of Davis)	
On the day of	, 20, personally appeared before me the signer(s) of the above Agent
Authorization who duly acknowledge to me that the	y executed the same.
Notary Public:	

Typed Repsonses to Questions:

- \sim Affordable Title will fit well with the surrounding properties. We provide competivie vehice loans to those that need it. We believe we will be a good fit for the commercial property area.
- \sim We believe that Affordable Title loans will fit well with the commercial property area and find that there are no ways in which we do not fit in to the commercial property surrounding.
- ~ We beleve that no conflicts will arrise from Affordable Title Loans being in the area and mitigation will not be necessary.





MAYOR RANDY LEWIS

CITY COUNCIL
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JOHN M. (MARC) KNIGHT
KENDALYN HARRIS
JOHN PITT

CITY MANAGER GARY R. HILL

Memo

Date:

April 11, 2016

To:

Administrative Committee

From:

Andy Hulka, Assistant Planner

Re:

Staff Report for the Administrative Committee Meeting on Monday, April 18, 2016

Overview

6. PUBLIC HEARING - Consider approval of a Conditional Use Permit to allow for Solar Panels at 453 North 1250 East, Craig Noakes, applicant.

Item #6

Background

The property where the solar panels are to be installed is located in the R-3 Single Family Zone. Solar power panels are classified in the city ordinance as "private power plants" and require a conditional use permit if they are over 10 watts. The applicant has indicated that the photovoltaic system to be installed will produce 4.5 kilowatts (4,500 watts), requiring a conditional use permit.

Findings

The application submitted indicates the proposed installation of 1 photovoltaic array with 18 panels. The array will occupy approximately 317 square feet, which is smaller than the 50% maximum roof coverage. The south-facing array will include 2 rows of panels, with 9 panels on the each row. The panels will be connected to the roof using an Iron Ridge racking system. The roof is of truss construction, has a slope of 6:12, and has asphalt shingles that are in fair condition. A review of information provided in the application indicates that all engineering requirements for the construction of solar panels in Bountiful City will be met. A reflection analysis of the roof pitch indicates that photovoltaic panels should not produce a reflection nuisance to surrounding properties.

Staff Recommendation

Based on the findings, staff has determined that the applicant would comply with all requirements for the conditional use permit. Staff recommends approval of the conditional use permit with the following conditions:

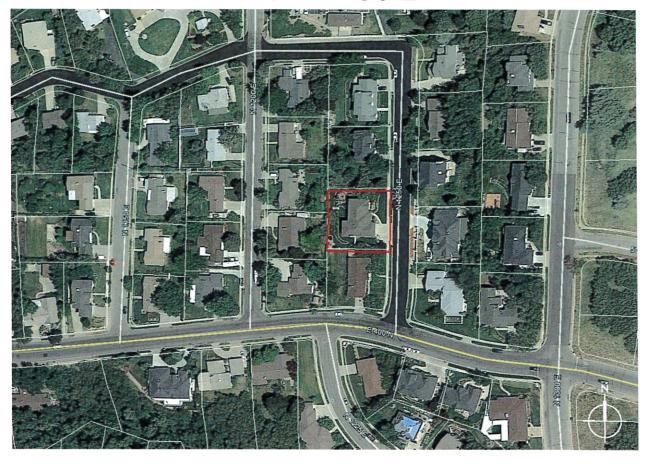
- 1. The applicant shall obtain a building permit.
- 2. The panels must be installed only as proposed in the application.
- 3. This conditional use permit is solely for this site and is non-transferable.

Bountiful Land Use Ordinance

14-14-126 PRIVATE POWER PLANTS

- A. A "Private Power Plant" is any device or combination of devices not owned and operated by a regulated utility company, which convert mechanical or chemical energy into electricity. A private power plant with a peak power generation capacity of 10 Watts/12v/500mAmp (or equivalent) is exempt from the provisions of this Section. A private power plant, including a windmill or wind turbine, shall not be permitted within Bountiful City limits, with the following exceptions:
 - A back-up power generator running on unleaded gasoline, diesel, natural gas, propane, or hydrogen fuel cell, rated for a single structure or building lot, located in accordance with the requirements of the zone in which it is located.
 - 2. A photovoltaic cell array or other passive solar energy system located in accordance with the requirements for occupied structures for the zone in which it is located.
- B. With the exception of a back-up power generator, no private power plant may be installed or used on any property unless a conditional use permit has been issued for the specific power generation device.
- C. A private power plant is not exempt from the height requirements of the Zone in which it is located, and shall be considered an occupied structure for the purposes of calculating height.
- D. Solar energy design standards and requirements
 - 1. Solar energy panels or collectors that are mounted to the roof shall:
 - a. Not extend beyond the roofline.
 - b. Not reflect sunlight onto neighboring windows or rights-of-way.
 - c. Not exceed fifty (50) percent of the total roof area.
 - d. Shall be maintained in good condition.
 - 2. Prior to installation, use, and connection to the grid, the following shall be done:
 - a. A Conditional Use Permit shall be issued
 - b. A Building Permit shall be issued
 - c. The Power Department shall approve the application for net metering
 - d. The Power Department shall approve the physical installation

453 N 1250 E





APPLICATION FOR CONDITIONAL USE PERMIT

Date of Submittal:		
Property Address:	453 N 1250 E. Bountful Ut	
Applicant Name:	Craig Noakes	
Applicant Address:	453 N 1250 & Bountful Ut.	
Applicant Phone #:	(801) 860-4850	
	Chroates @ gmail.com	

- 1. Items that shall be included with any application for variance:
 - a. A completed Bountiful City Application for Conditional Use Permit cover sheet (this document).
 - b. Payment of Filing Fee (\$100 P.C. / \$50 A.C.)
 - c. If the conditional use permit is to be approved by the Planning Commission, a mailing list of all property owners within three hundred feet (300') of the subject property boundaries based on the most recent Davis County Tax Assessment records, submitted on self-adhesive mailing labels. Items heard by the Administrative Committee do not require mailing labels.
 - d. If the conditional use permit requires site plan review, two (2) full sized, and one
 (1) 11x17 copy or one (1) .PDF file, of the proposed site plan drawn at 1:10 scale or as required by the City Engineer and City Planner. A site plan shall include:
 - i. A north arrow, the scale of the drawing, and the date of the drawing.
 - ii. Street names and addresses.
 - iii. Property lines with dimensions.
 - iv. All sidewalks, driveways, curbs and gutter, and parking areas.
 - v. All existing easements, rights-of-way, and any other restrictions on the use of the property.
 - vi. Existing buildings, proposed buildings, and other significant features on the site.
 - vii. Existing buildings and significant features located on adjacent properties within 50 feet (50') of the subject property boundaries
 - viii. When required by the City Planner or City Engineer, and for all new construction, a survey including both existing and proposed contours of the land at intervals of two feet (2') or better.

Department of Planning and Economic Development 790 South 100 East • P.O. Box 369 • Bountiful, Utah 84011-0369 Phone 801.298.6190 • Fax 801.298.6033

- e. Typed responses to the following questions:
 - i. How does your proposed project fit in with surrounding properties and uses?
 - ii. In what ways does the project not fit in with surrounding properties and uses?
 - iii. What will you do to mitigate the potential conflicts with surrounding properties and uses?

2. Property Owner Authorization and Affidavit

The undersigned, being duly sworn, depose that I am (we are) the owner(s) or authorized
agent(s) of the owner(s) of the property involved in this application and that the statement
contained herein or by attachment, are to the best of my (our) knowledge true and correct

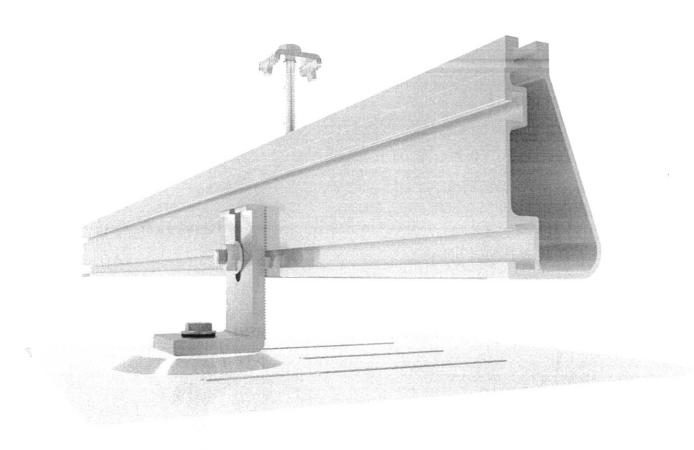
contained herein or by attachment, a	are to the best of my (our) knowledge true and correct.
((was down)	
Owner/Agent	Owner/Agent
- 17.53	- ····

Responses to questions

- I. How does your proposed project fit in with surrounding properties and uses?
- This project is no different than several solar projects within 5-6 blocks from this address.
- The panels match the same pitch and almost the same color of the roof making it blend in.
- There is only one house between our home and 400 North (the direction the panels would be facing) That house is situated lower in elevation than ours. There is also a large cluster of trees between us that prevents that our neighbor from even being able to see our house let alone the proposed solar array on our roof.
- II. In what ways does the project not fit in with surrounding properties and uses?
- This will be the only house on the street with solar panels on the roof.
- III. What will you do to mitigate the potential conflicts with surrounding properties and uses?
- Its hard to understand exactly what problems might arise, but everyone on this entire block is considered a very close friend and I will always do what is needed to resolve conflict with people I love and respect.



Loof Mount System



Built for solar's toughest roofs.

IronRidge builds the strongest roof mounting system in solar. Every component has been tested to the limit and proven in extreme environments.

Our rigorous approach has led to unique structural features, such as curved rails and reinforced flashings, and is also why our products are fully certified, code compliant and backed by a 20-year warranty.



Strength Tested

All components evaluated for superior structural performance.



PE Certified

Pre-stamped engineering letters available in most states.



Class A Fire Rating

Certified to maintain the fire resistance rating of the existing roof.



Design Software

Online tool generates a complete bill of materials in minutes.



Integrated Grounding

UL 2703 system eliminates separate module grounding components.



20 Year Warranty

Twice the protection offered by competitors.



BOUNTIFUL

City of Beautiful Homes and Gardens

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CITY MANAGER
Gary Hill

SOLAR PANEL QUESTIONS	
Total Number of Panels	18
Array Dimensions	28.87 ft wide × 11 ft high 4.5 KW
Mounting Location	Roof
Roof/Wall/Other	Roof
Roof Pitch (Rise/Run e.g. "5/12")	6/12
Roofing Material Asphalt Shingle/Tile/Steel/Other	Asphalt Shingle
Roof Construction Rafters/Truss	Truss
Engineering Analysis	
Connection to Roof	Iron Ridge racking system
Analysis of Existing Roof Structure with added Solar Equipment	(verbs) per spene foot.
Adequate Uplift Resistance (120 mph Exp B)	(sein) yes 120 MPh complant as





Project Number:

U1994-001-161

March 23, 2016 Craig Noakes 453 N. 1250 E.

Bountiful, Utah 84070

ATTENTION:

Craig Noakes

REFERENCE:

Craig Noakes Residence: 453 North 1250 East, Bountiful, UT 84070

Dear Mr. Noakes:

Per your request, we have reviewed the information relating to the installation of solar panels at the above-referenced site.

Based upon our review, it is our conclusion that the installation of solar panels on this existing roof will not adversely affect the structure of this house. The design of supporting members and connections is by the manufacturer and/or installer. The adopted building code in this jurisdiction is the 2012 International Building Code based on loads from ASCE 7-10. Appropriate design parameters which must be used in the design of supporting members and connections are listed below:

- Ground snow load: 48 psf per Utah amendments to the IBC (verify with local building department)
- Design wind speed for risk category II structures: 155 mph (3-sec gust)
- Wind exposure: Category C

If using documents referencing ASCE 7-05, the design wind speed may be converted to an ASCE 7-05 equivalent of 120 mph, Exposure C.

Our conclusion regarding the adequacy of the existing roof is based on the fact that the additional weight related to the solar panels is less than 3.5 pounds per square foot. In the area of the solar panels, no 20 psf live loads will be present. Regarding snow loads, it is our conclusion that since the panels are slippery and dark, effective snow loads will likely be reduced in the areas of the panels. Regarding wind loads, we conclude that any additional forces will be negligible due to the low profile of the flush-mounted panel system. Regarding seismic loads, we conclude that any additional forces will be small. With an assumed roof dead load of 15.2 psf, solar panel dead load of 3 psf, and affected roof area of 40% (maximum), the additional dead load (and consequential seismic load) will be 7.9%. This calculation conservatively neglects the weight of wall dead load. Because the increase is less than 10%, this alteration meets the requirements of the exception in Section 807.5 of the 2012 International Existing Building Code. Thus the existing structure is permitted to remain unaltered.

During design and installation, particular attention must be paid to the maximum allowable spacing of attachments and the location of solar panels relative to roof edges. The use of solar panel support span tables provided by the manufacturer is allowed only where the building type, site conditions, and solar panel configuration match the description of the span tables. Attachments to existing roof truss top chords or rafters must be staggered so as not to over load any existing structural member. Waterproofing around the roof penetrations is the responsibility of others. Electrical engineering is beyond our scope. All work performed must be in accordance with accepted industry-wide methods and applicable safety standards. Vector Structural Engineering assumes no responsibility for improper installation of the solar panels.

Please note that we have reviewed information regarding the existing roof framing, but a representative of Vector Structural Engineering has not physically observed the roof framing of this home. Our conclusions are based upon the information provided and the assumption that all structural roof components and other supporting elements are in good condition and are sized and spaced such that they can resist standard roof loads.

Very truly yours,

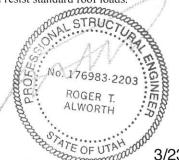
VECTOR STRUCTURAL ENGINEERING, LLC

Roger T. Alworth, S.E.

Principal

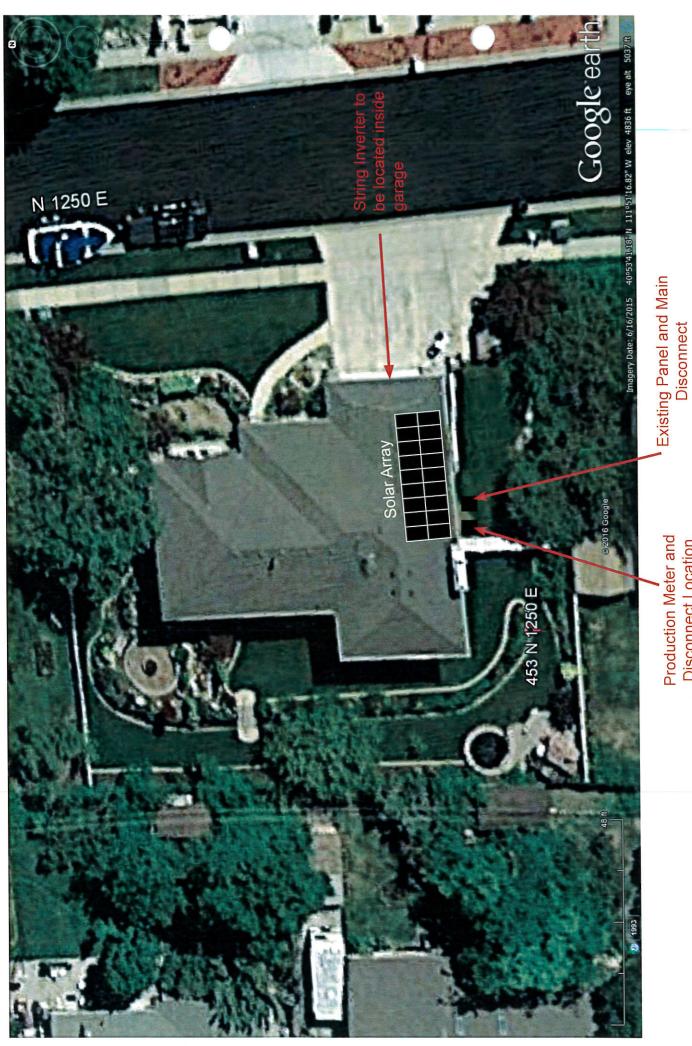
Enclosures

RTA/lcs



3/23/2016

Photovoltaic Panels (as reqd. by NEC) Disconnect Switch **Photovoltaic** Disconnect Switch **Photovoltaic** Inverter Power Meter Noakes Residence **Electrical Diagram Photovoltaic** Inverter Generator Transfer Switch Breaker Panel \geq Electric Service Bi-Directional Meter Generator Building Electrical Service Entrance



Production Meter and Disconnect Location



MAYOR RANDY LEWIS

CITY COUNCIL
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KENDALYN HARRIS
JOHN PITT

CITY MANAGER GARY R. HILL

Bountiful City, Utah Conditional Use Permit

A public hearing was held on April 11, 2016, at Bountiful City Hall to consider the request of Ralph Pond for a Conditional Use Permit allowing for a Private Power Plant (Solar Panels) at the following location:

1214 East 1725 South, Bountiful City, Davis County, Utah

ALL OF LOT 2, CANYON OAKS SUBDIVISION. CONT. 0.28 ACRES

Parcel: 04-123-0002

The Bountiful City Administrative Committee heard the matter and considered the statements of the applicant, the City staff, and the public. As a result, the Administrative Committee makes the following findings:

- 1. This matter is properly heard before the Administrative Committee.
- 2. Appropriate public notice has been provided and a public hearing held.
- 3. The proposed request to operate a Private Power Plant (Solar Panels) meets the letter and the intent of the specific requirements in §14-2 and 14-14 et seq (Conditional Use Permit provisions) of the Bountiful City Land Use Ordinance.

The Bountiful City Administrative Committee hereby grants this Conditional Use Permit for a Private Power Plant (Solar Panels) to be located at 1214 East 1725 South, in Bountiful, Davis County, Utah, with the following conditions:

- 1. The applicant shall obtain a building permit.
- 2. The panels must be installed only as proposed in the application.
- 3. This conditional use permit is solely for this site and is non-transferable.

The Conditional Use Permit was approved on April 11, 2016, and this written form was approved this 18th day of April, 2016.

Chad Wilkinson	ATTEST: Julie Holmgren
Planning Director	Recording Secretary